

Nonparaxial equation for linear and nonlinear optical propagation: errata

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In our recent Letter,¹ Eq. (18) should read as

$$\left[\frac{\partial}{\partial Z} + \frac{i}{2} \left(\frac{\partial^2}{\partial X^2} + \frac{\partial^2}{\partial Y^2} \right) - \frac{i}{8} \left(\frac{\partial^2}{\partial X^2} + \frac{\partial^2}{\partial Y^2} \right)^2 \right] u + i|u|^2 u = -\frac{i}{2} \left(\frac{\partial^2}{\partial X^2} - \frac{\partial^2}{\partial Y^2} \right) \times (|u|^2 u) - \frac{i}{3} \left| \frac{\partial u}{\partial X} \right|^2 u - \frac{i}{3} \left(|u|^2 \frac{\partial^2 u}{\partial X^2} - u^2 \frac{\partial^2 u^*}{\partial X^2} \right) - \frac{i}{3} \frac{\partial}{\partial X} \left(|u|^2 \frac{\partial}{\partial X} u \right).$$

Reference

1. B. Crosignani, P. Di Porto, and A. Yariv, Opt. Lett. **22**, 778 (1997).